

Combined RT-PCR and host response point-of-care testing in patients hospitalised with suspected COVID-19: a prospective diagnostic accuracy study

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Supplementary material

Table S1: Diagnostic accuracy measures of FebriDx MxA with RT-PCR as the reference standard for COVID-19

	n/n	%	95% CI
Sensitivity	170/192	88.5	83.2 to 92.7
Specificity	250/283	88.3	84.0 to 91.8
PPV	170/203	83.7	78.8 to 87.7
NPV	250/272	91.9	88.4 to 94.4
PLR		7.6	5.5 to 10.5
NLR		0.13	0.09 to 0.19
Accuracy	420/475	88.4	85.2 to 91.2

MxA, Myxovirus resistance protein A; PPV, positive predictive value; NPV, negative predictive value; PLR, positive likelihood ratio; NLR, negative likelihood ratio. PLR and NLR are expressed as ratios, not percentages.

Table S2: Positive and negative predictive values for combined RT-PCR and FebriDx MxA testing at different levels of COVID-19 prevalence

Prevalence (%)	PPV	95% CI	NPV	95% CI
20	77.71%	68.75 to 84.67	98.34%	97.27 to 98.99
10	60.77%	49.44 to 71.06	99.25%	98.77 to 99.55
1	12.35%	8.16 to 18.25	99.93%	99.89 to 99.96
0.1	1.38%	0.87 to 2.16	99.99%	99.99 to 100.00

MxA, Myxovirus resistance protein A; PPV, positive predictive value; NPV, negative predictive value